

Amendments to the Claims

Claims 79-82 remain pending upon entry of this amendment. Provided below is a listing of claims for the convenience of the examiner.

Listing of Claims

1-78 (Canceled)

79. (Previously presented) A blocking reagent, wherein the blocking reagent has at least one photoreactive group for covalent immobilization on a sensor surface.

80. (Previously presented) A blocking reagent as recited in claim 79, wherein the blocking reagent is selected from the group consisting of casein, hydrolyzed casein, a surfactant, bovine serum albumin, fetal calf serum, newborn calf serum, and mixtures thereof.

81. (Previously presented) A blocking reagent as recited in claim 80, wherein the surfactant is selected from the group consisting of sodium palmitate, BRIJ 35, BRIJ 58, cetylpyridinium chloride monohydrate, cetyltrimethylammonium bromide, 3-[(3-cholamidopropyl)dimethylammonio]-1-propanesulfonate, 3-[(3-cholamidopropyl)dimethylammonio]-2-hydroxy-1-propanesulfonate, decane-1-sulfonic acid sodium salt, N,N-bis-[3-(D-gluconamido)propyl]deoxycholamide, dodecane-1-sulfonic acid sodium salt, dodecyl- β -D-maltoside, 6-O-(N-heptylcarbonyl)methyl- α -D-glucopyranoside, heptane-1-sulfonic acid sodium salt, N-lauroylsarcosine sodium salt, octanoyl-N-methylglucamide, N-nonaoyl-N-methylglucamide, sodium cholate, sodium deoxycholate, nonane-1-sulfonic acid sodium salt, Nonidet P40, octane-1-sulfonic acid sodium salt, n-octyl- β -D-glucopyranoside, pentane-1-sulfonic acid sodium salt, n-octyl- β -D-thioglucopyranoside, PLURONIC F-68, saccharose monolaurate, sodium dodecyl sulfate, N-dodecyl-dimethyl-3-ammonio-1-propanesulfonate, N-tetradecyl-dimethyl-3-ammonio-1-propanesulfonate, TRITON X-100, and mixtures thereof.

82. (Previously presented) A blocking reagent as recited in claim 79, wherein the at least one photoreactive group is selected from the group consisting of benzophenone or a derivative thereof, anthraquinone or a derivative thereof, thymidine or a derivative thereof, and 4-azidobenzoic acid or a derivative thereof.

83 – 91 (Canceled)